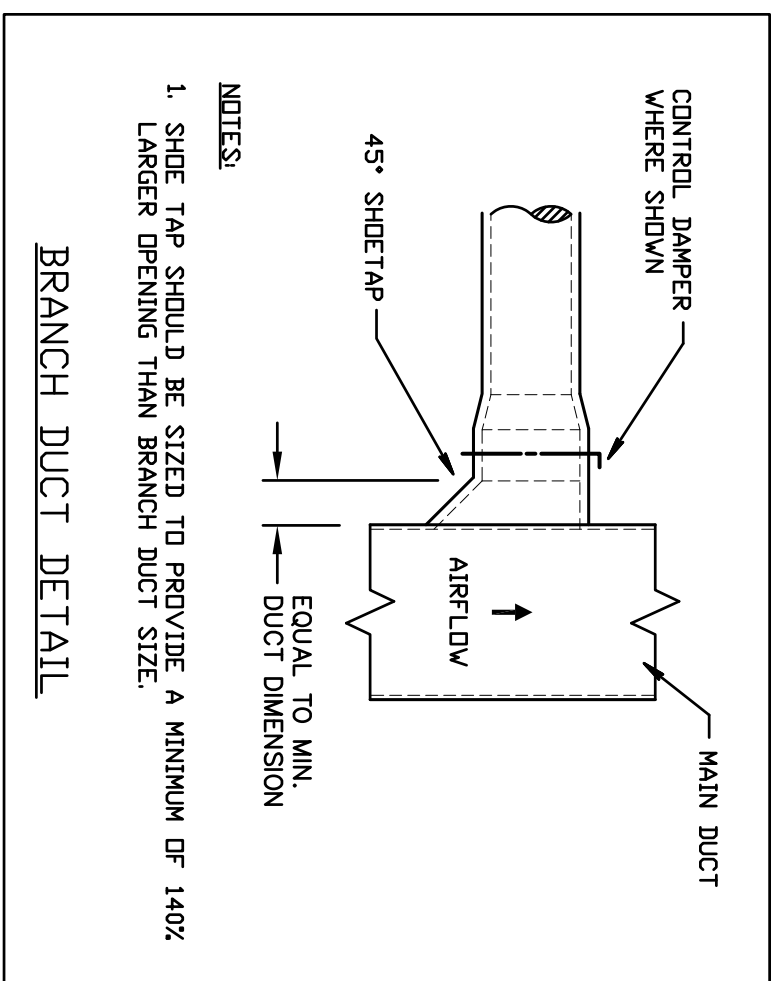
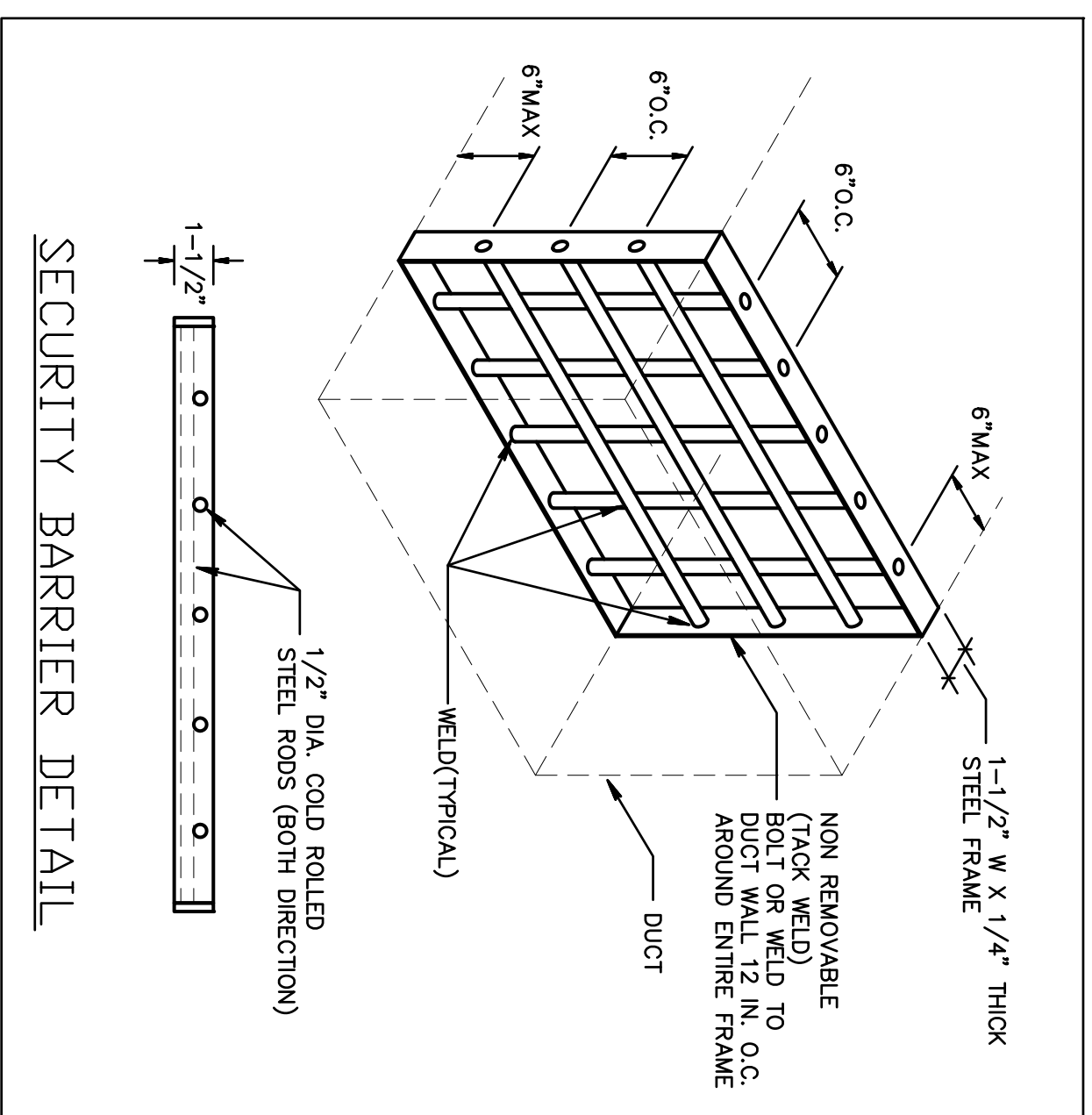


MECHANICAL GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMATIC. ALL OFFSETS, FITTINGS, TRANSITIONS AND ACCESSORIES ARE NOT SHOWN. THE CONTRACTOR SHALL INCLUDE IN HIS BID ALL ITEMS REQUIRED TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM. DO NOT SCALE DRAWINGS FOR INSTALLATION.
2. ALL WORK SHALL BE PERFORMED IN A FIRST CLASS WORKMANLIKE MANNER BY LICENSED CONTRACTORS.
3. THE CONTRACTOR SHALL OBTAIN AT HIS EXPENSE ALL NECESSARY FEES PERMITS, AND TESTS.
4. ALL WORK SHALL CONFORM TO ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES. NO CONTRACTOR SHALL BE UNLESS FAMILIAR WITH THESE CODES.
5. CORRECTION OF DEFECTS TO THIS WORK SHALL BE MADE PROMPTLY WITHOUT CHARGE TO THE OWNER. REPAIR AND REPLACEMENT FOR DAMAGE CAUSED BY THIS CONTRACTOR SHALL BE MADE PROMPTLY WITHOUT CHARGE TO THE OWNER.
6. ALL WORK OF THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID ANY INTERFERENCES THAT MAY DELAY PROGRESS OF CONSTRUCTION.
7. THE CONTRACTOR SHALL INCLUDE THE WORK OF ALL REQUIRED SUB-CONTRACTORS IN HIS BIDDING AND OPERATIONAL SYSTEM. AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
8. EQUIPMENT SHALL BEAR A U.L. OR OTHER RECOGNIZED LABEL. NAMEPLATES, WIRING DIAGRAMS, AND ENERGY RATINGS AS APPLICABLE.
9. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND ACCESSORIES TO BE READY ACCESSIBLE FOR SERVICING, TESTING, BALANCING, AND REPLACEMENT.
10. THE CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE AGAINST DEFECTS IN ALL MATERIALS AND WORKMANSHIP FOR ONE YEAR FROM ACCEPTANCE WITH FOUR ADDITIONAL YEARS OF WARRANTY ON COMPRESSORS.
11. THE CONTRACTOR SHALL PROVIDE THREE COPIES OF SUBMITTAL DATA, SHOP DRAWINGS AND AT COMPLETION OF THE PROJECT TWO SETS OF OPERATION AND MAINTENANCE MANUALS FOR ALL PROJECT ITEMS.
12. PROVIDE ALL CONTROLS, STARTERS, CONTROL WIRING, DISCONNECTS, AND OPERATIONAL SYSTEM.
13. THE HVAC CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, ON SITE, A DETAIL-DRAWN AND FIELD DRAWING OF ALL INSTALLATIONS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE BUILDING DEPARTMENT AND TO THE OWNER.
14. PRIOR TO ACCEPTANCE BY THE OWNER THE SYSTEMS SHALL BE TESTED AND BALANCED BY THE CONTRACTOR. PROVIDE A WRITTEN REPORT.
15. SUPPLY AND INSTALL DUCT MOUNTED SMOKE DETECTORS AS REQUIRED.
16. COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH LIGHTS AND ARCHITECTURAL ELEMENTS.
17. ALL GRILLES TO BE TITUS OR METALAIR UNLESS OTHERWISE NOTED. SIZES AS SHOWN ON PLANS, ALUMINUM CONSTRUCTION.
18. ALL DUCT WORK SHALL BE BUILT AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS AND LOCAL BUILDING CODES.
19. ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS.
20. ALL OUTSIDE AIR DUCTWORK SHALL BE SHEETMETAL WITH EXTERIOR R-6 INSULATION. PROVIDE BLANKET TYPE INSULATION IN CONCEALED SPACES, AND BOARD TYPE IN EXPOSED AREAS.
21. ALL EXHAUST AIR DUCT SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS.
22. FLEXIBLE DUCT, WHERE SHOWN, SHALL BE U.L. CLASS 1, R-6 INSULATION.
23. LOW PRESSURE SUPPLY AND RETURN RECTANGULAR DUCTWORK IS RIGID DUCTBOARD, 1" IN. THICK, R-4.2 INSULATION.
24. PROVIDE ELBOW TURNING VANES IN ALL RECTANGULAR DUCTS WHERE TURNS ARE GREATER THAN 45 DEGREES.
25. PROVIDE BACKDRAFT DAMPERS FOR ALL EXHAUST FANS.
26. VERIFY ALL THERMOSTAT LOCATIONS WITH THE LANDLORD.
27. CONDENSATE DRAIN PIPING SHALL BE ABOVE GRADE COPPER DRAIN, WASTE AND VENT FITTINGS. INSULATE ALL CONDENSATE PIPING W/3/4" INCOA MOOLOOK PIPE INSULATION.

GENERAL DEMOLITION NOTES

1. UNLESS OTHERWISE NOTED, ALL EQUIPMENT AND DUCTWORK IN THE PROJECT AREA WHICH IS NOT INDICATED TO REMAIN, IS TO BE REMOVED. THE CONTRACTOR SHALL INVESTIGATE THE PROJECT AREA PRIOR TO BID TO DETERMINE ALL REQUIRED DEMOLITION.
2. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
3. DEMOLITION WORK IS NOT SPECIFICALLY IDENTIFIED ON THESE PLANS, AND MAY BE DESCRIBED ON THE ARCHITECT'S PLANS. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT.
4. ALL MECHANICAL SYSTEMS SERVING OTHER SPACES OR FLOORS, THAT RIN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES.
5. ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
6. PROPERLY REMOVE AND DISPOSE OF ALL HVAC DUCTWORK AND AIR DISTRIBUTION DEVICES WHICH ARE TO BE REMOVED. CONSULT WITH OWNER AND OBTAIN THE OWNER'S APPROVAL PRIOR TO DISPOSAL OF REMOVED MATERIAL.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL PIPING AND DUCTS, NEW OR EXISTING, WITHIN THE PROJECT AREA, ARE PROPERLY SUPPORTED.
8. ALL OCCUPIED SPACES ARE TO REMAIN OPERATIONAL DURING BUSINESS HOURS THROUGHOUT THE DEMOLITION AND CONSTRUCTION PERIOD. COORDINATE ALL WORK AS DESCRIBED IN THE ARCHITECT'S DOCUMENTS.



AIR DISTRIBUTION SCHEDULE

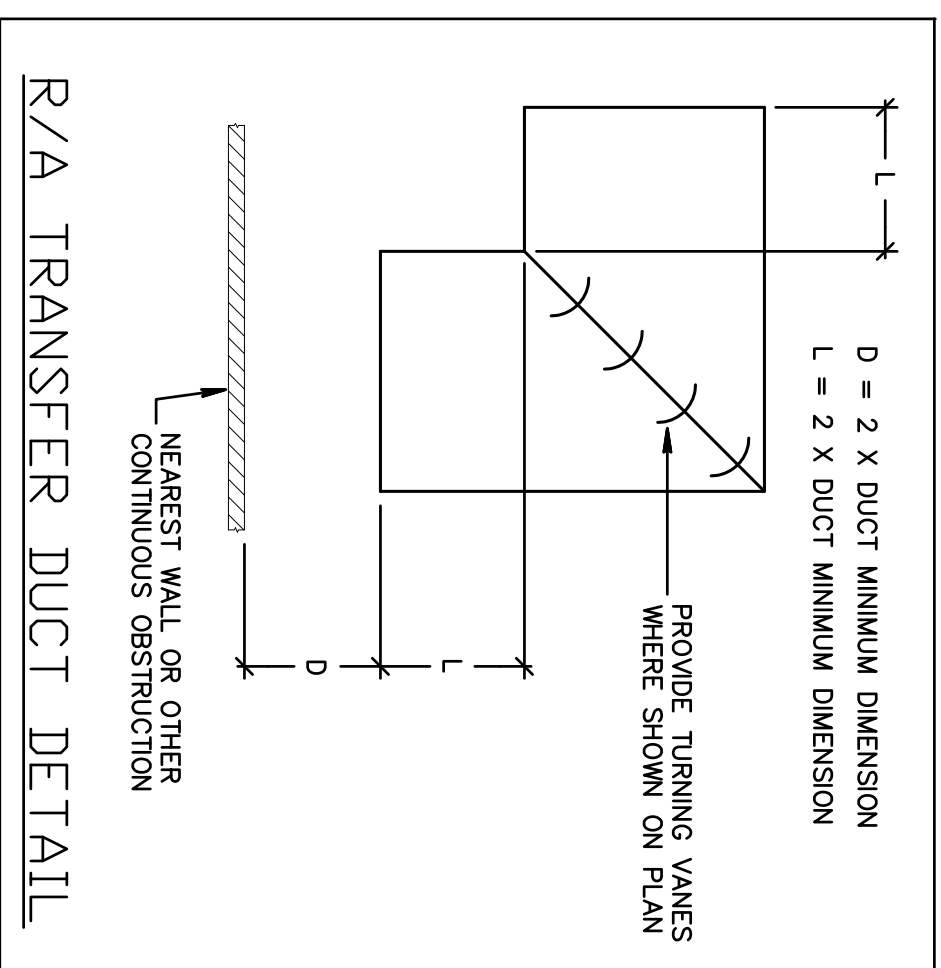
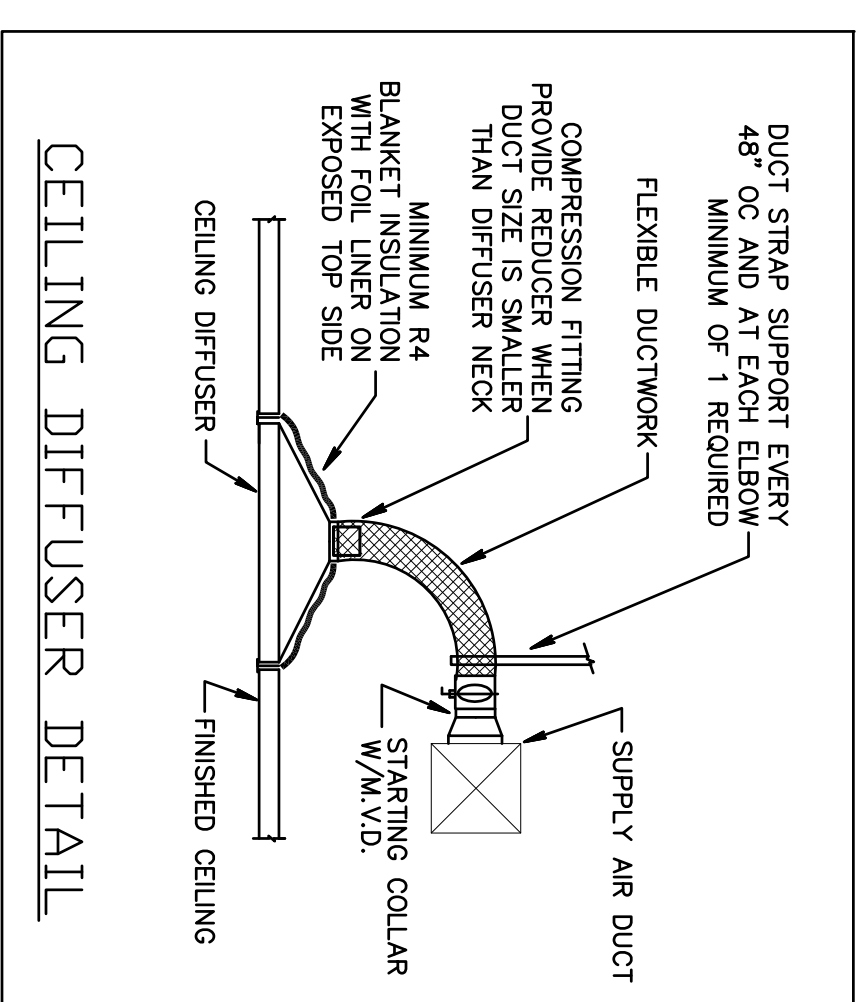
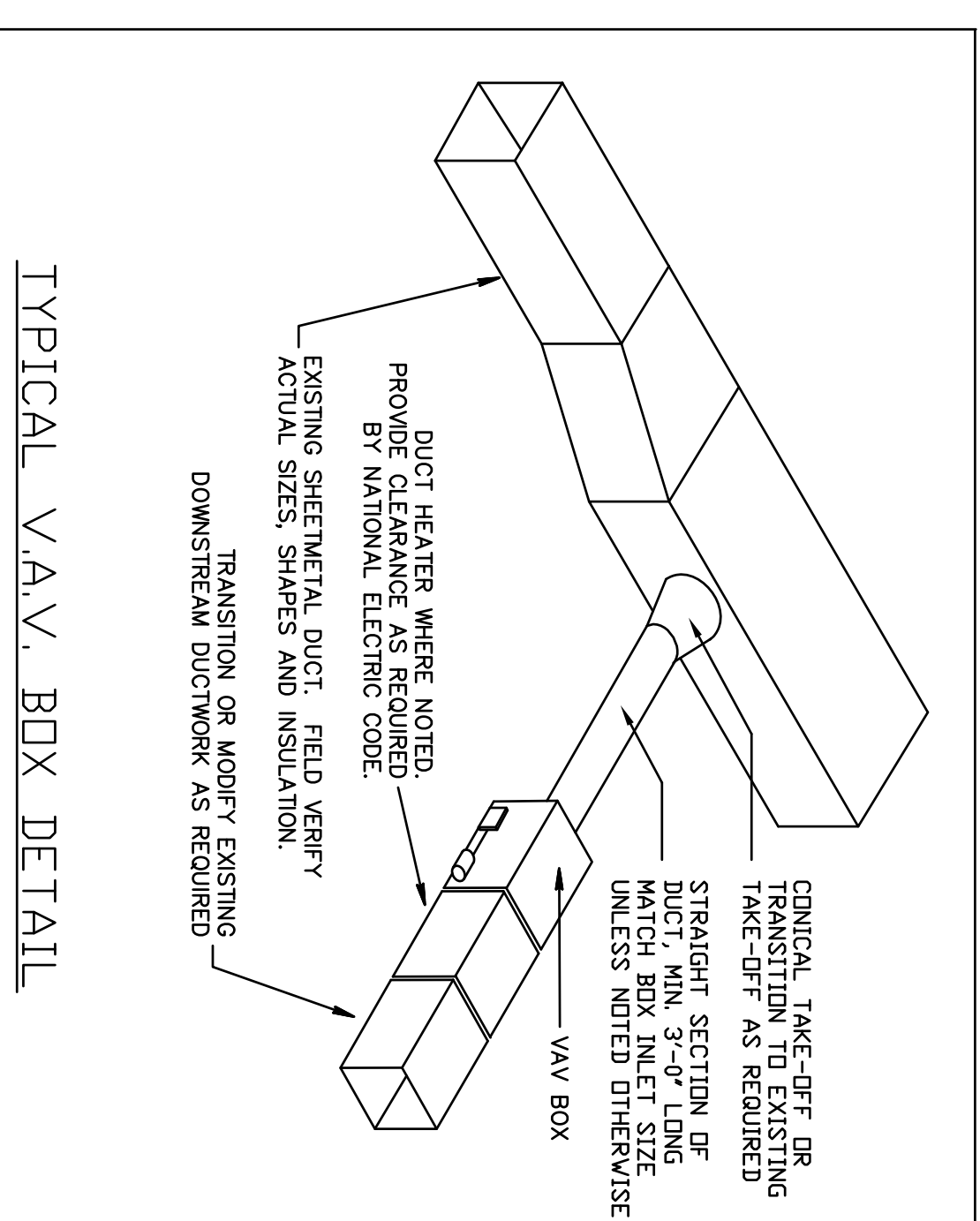
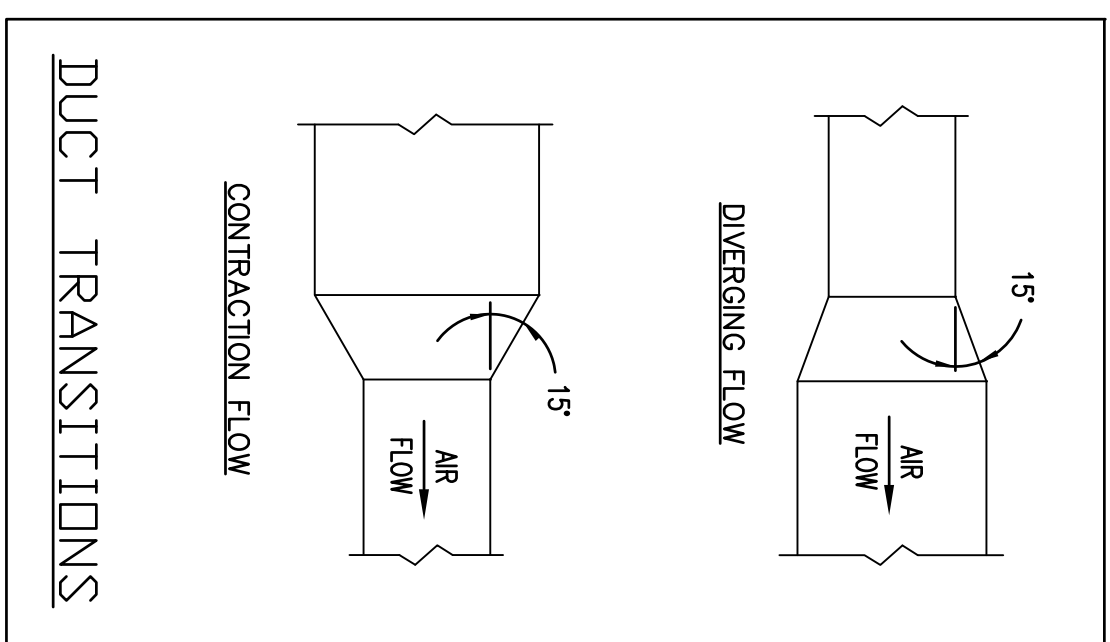
MARK	MAKE	MODEL	SIZE	NECK	MATERIAL	BORDER TYPE	MOUNTING TYPE	DAMPER	THROW	FINISH	REMARKS
A	TITUS	PAS-AA	24X24	6"	ALUMINUM	3	LAY-IN	AG-100	4 WAY	WHITE	SEE NOTES
B	TITUS	PAS-AA	24X24	8"	ALUMINUM	3	LAY-IN	AG-100	4 WAY	WHITE	SEE NOTES
R1	TITUS	PAS-AA	24X24	22X22	ALUMINUM	3	LAY-IN	-	-	WHITE	SEE NOTES
R2	TITUS	4FL	-	10X10	ALUMINUM	1	SURFACE	-	-	WHITE	SEE NOTES
R3	TITUS	4FL	-	6X6	ALUMINUM	1	SURFACE	-	-	WHITE	SEE NOTES

PROVIDE ROUND FLEXIBLE DUCT RUN-OUT SIZED TO MATCH S/A DIFFUSER NECK UNLESS NOTED OTHERWISE. PROVIDE PLENUM BOX ABOVE SUPPLY AND RETURN AIR GRILLES AS REQUIRED FOR DUCT CONNECTIONS. MINIMUM BOX HEIGHT IS 4". PROVIDE DAMPERS ONLY WHERE DUCT TAKE-OFF DAMPER IS NOT ACCESSIBLE.

VAV TERMINAL BOX SCHEDULE (CARRIER)

MARK	MODEL NO.	INLET	CFM MAX	CFM MIN	FAN GRN	HEATING FAN HP	KW	STEP	VOLT-PH-HZ	NOTES
VU-1	350	12"	1450	450	-	-	-	-	277-1-60	1 THRU 4

- SCHEDULE NOTES**
1. EXISTING UNIT TO BE RE-LOCATED. VACUUM CLEAN UNIT INTERIOR AND PROVIDE ANY REQUIRED MAINTENANCE. RE-BALANCE SYSTEM AS INDICATED.
 2. PROVIDE CARRIER CON ROOM TEMPERATURE SENSOR/THERMOSTAT WITH OVERRIDE CAPABILITY. MATCH EXISTING METHODS AND MATERIALS.
 3. TRANSITION FROM INLET SIZE TO SUPPLY DUCT SIZE AS SHOWN ON FLOOR PLAN.
 4. AIR CONDITIONING CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONTROL'S, CONTROL WIRING & CONDUIT, POWER WIRING AND CONDUIT, AND ALL OTHER ITEMS NECESSARY FOR COMPLETE INSTALLATION AND CONTROL OF TERMINAL BOXES. SOFTWARE PROGRAMMING MODIFICATIONS OF THE EXISTING BUILDING MANAGEMENT SYSTEM IS TO BE PROVIDED AS DIRECTED BY THE BUILDING MANAGEMENT COMPANY FOR EACH TERMINAL BOX. FIELD VERIFY SCOPE OF WORK AND COORDINATE WITH THE BUILDING MANAGEMENT COMPANY PRIOR TO BID.



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EXERCISE ROOM
1475 CENTREPARK
1475 CENTREPARK DR #135
WEST PALM BEACH, FL
PROJECT NUMBER 147515

REVISIONS

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